

MAR 10 2003

**SUPPLEMENTAL REISSUE APPLICATION DECLARATION
AND POWER OF ATTORNEY BY ASSIGNEE**Docket Number
312.104331R00

I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: Her Majesty in Right of Canada as Represented by the Minister of Communications and the title of my position with said assignee is: President, Communications Research Centre.

The entire title to the patent identified below is vested in said assignee

Name of Patentee(s): Kenneth O. Hill; Bernard Y. Malo; Francois C. BilodeauPatent Number 5,367,588Date Patent Issued November 22, 1994Title of Invention METHOD OF FABRICATING BRAGG GRATINGS USING A SILICA PHASE GRATING MASK AND MASK USED BY SAME, the specification of which

I believe said patentee(s) to be the original, first and joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled METHOD OF FABRICATING BRAGG GRATINGS USING A SILICA PHASE GRATING MASK AND MASK USED BY SAME the specification of which

XX is attached hereto
was filed on June 29, 1999 as reissue application number 09/342,707
and was amended on June 29, 1999; November 12, 1999;
December 23, 1999; September 3, 2002 and November 21, 2002.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

XX by reason of a defective specification or drawing.

XX by reason of the patentee claiming more or less than he had the right to claim in the patent.

_____ by reason of other errors.

RECEIVED
MAR 10 2003
TECHNOLOGY CENTER 2800

312.104331R00

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The original patent failed to recite the relationship of the original patent with the parent applications of U.S. Patent Nos. 5,216,739 and 5,104,209 and failed to claim benefit thereof under 35 U.S.C. 120; and claim 15 of the original patent did not have proper antecedent basis for the "the striations" so that claim 15 has been amended to depend from claim 10 rather than claim 8.

I/We hereby claim benefit under Title 35, United States Code § 119 of any provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the foreign application(s) on which priority is claimed:

Provisional and/or Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
---------------	----------------	-------------------	-------------------------

I/We hereby claim benefit under Title 35, United States Code § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I/we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
656,462	February 19, 1991	Patented
811,299	December 20, 1991	Patented

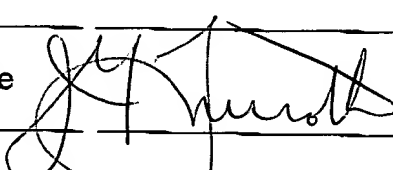
All errors corrected in this reissue application arose without any deceptive intention on the part of the Applicant.

I hereby appoint as principal attorneys: Donald R. Antonelli, Reg. No. 20,296; David T. Terry, Reg. No. 20,178; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973; Carl I. Brundidge, Reg. No. 29,621; and Paul J. Skwierawski, Reg. No. 32,173; to prosecute and transact all business in the Patent and Trademark Office connected with this application and any related United States and international applications.

Please Direct all Communications to:
Antonelli, Terry, Stout & Kraus, LLP
Suite 1800
1300 North Seventeenth Street
Arlington, Virginia 22209

Direct Telephone Calls To:
(703) 312-6600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of person signing (given name, family name) Gerry Turcotte	
Signature 	Date 10 Feb 2003
Residence: 1640 Bearhill Road Carp, Ontario, Canada	Citizenship: Canada
Post Office Address: 1640 Bearhill Road Carp, Ontario, Canada	